

Docket No.: 50429-281



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

: **RESPONSE UNDER 37 CFR 1.116**

AKIHIKO TAKABATAKE, et al.

: **EXPEDITED PROCEDURE**

Serial No.: 08/908,599

: Group Art Unit: 2713

Filed: August 08, 1997

: Examiner: Y. Lee

For: PICTURE DECODING & DISPLAY UNIT INCLUDING A MEMORY HAVING
REDUCE STORAGE CAPACITY FOR STORING PIXEL DATA

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AMENDMENT UNDER 37 CFR 1.116

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Assistant Commissioner for Patents

Washington, DC 20231

Sir:

This submission is made in response to the final Office Action, dated November 18, 1999. Claims 1 through 13, 15 and 18 through 28 are pending in the application. Claims 1 through 7, 11 through 13, 15 and 18 through 28 have been withdrawn from consideration as not being readable on the elected species. Claims 8 through 10 stand rejected under 35 U. S. C. §102(e) as being anticipated by Auld. Reconsideration of this rejection is respectfully requested in view of the following comments. A request for extension of two months of the period for response is hereby made, with appropriate fee charge authorization indicated at the close of this response.

Claim 8 recites that the control means makes the decoding means start decoding operation of a subsequent frame supplied subsequently to a certain frame. The claim is directed to the processing of a B frame as illustrated in Fig. 12. As claim 8 requires the decoding means decoding...to restore said original pixel data, the claimed decoding means includes the

reconstruction of an encoded picture. Therefore, the subsequent frame is applied to the decoding means.

In Auld, three memories are employed for the picture store. If two memories are not currently stored in the picture store, the decoded picture bits are reconstructed into a corresponding picture and then stored in an available memory in the picture store. If two memories are occupied, a picture stored in one of the two memories is read out by the display controller, a newly reconstructed picture is transferred to the picture store for storage therein, and a previously decoded picture is reconstructed into a picture (col. 12, line 14 et seq.).

Auld's reconstruction unit changes the picture sequence in the decoding operation or in the received bit stream into the picture sequence of the display. Therefore, Auld does not suggest changing of the picture sequence in the reading for display with B-picture considered because Auld performs such changing of the picture sequence in the reconstruction unit. Of course, Auld considers the B-picture in the reconstruction unit for the picture sequence changing. In addition, Auld does not consider the timing relation between the decoding of the received encoded picture data and the reading of the reconstructed picture data, although Auld mentions the synchronization of the decoding, reconstructing and displaying process.

In Fig. 5 of Auld, the same character is used for the picture between the reconstruction sequence and the display sequence, and indicates that the reconstructed picture is then output for display with a delay of a field period.

In col. 13, lines 47 et seq., Auld describes that P1 represents a first picture, A and B represent portions of a picture, and F1 and F2 are the first and second field of a reconstructed picture. Therefore, Auld is not concerned with whether a picture read for display is a B-picture.

Accordingly, it is urged that Auld does not anticipate claim 8 and its dependent claims 9 and 10. Favorable reconsideration of this application and allowance of claims 8 through 10 are respectfully requested. To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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